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1 / A	pplication No.	Applicant(s)	
Notice of Allowability	9/450,381	SHAH ET AL.	
	xaminer	Art Unit	
	harles E. Anya	2194	
The MAILING DATE of this communication appears All claims being allowable, PROSECUTION ON THE MERITS IS (OI herewith (or previously mailed), a Notice of Allowance (PTOL-85) or NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGH of the Office or upon petition by the applicant. See 37 CFR 1.313 and	R REMAINS) CLOSED in other appropriate commits. This application is ind MPEP 1308.	in this application. If not includ nunication will be mailed in due	led course. THIS
1. This communication is responsive to <u>Applicant's remarks/argu</u>	<u>iment of 7/5/05</u> .		
2. The allowed claim(s) is/are 1,4-25 and 27-30; now renumbered	<u>d as 1-27</u> .		
 3.	een received. een received in Application rents have been received in Application rents have been received his communication to fill IT of this application. d. Note the attached EX eason(s) why the oath of the eason rent of the submitted. S Patent Drawing Review mendment / Comment of the eader according to 37 Chapter of BIOLOGICAL MAT	on No ed in this national stage applicate a reply complying with the research AMINER'S AMENDMENT or Nor declaration is deficient. W (PTO-948) attached In the Office action of the drawings in the front (not the FR 1.121(d). ERIAL must be submitted.	quirements NOTICE OF
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☒ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 3/7/05 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. ⊠ Interview S Paper No. 7. ⊠ Examiner's 8. □ Examiner's 9. □ Other	nformal Patent Application (PT Summary (PTO-413), /Mail Date 9/9/05 Amendment/Comment Statement of Reasons for Allo MENGAL T. AN PERVISORY PATENT FY COMME	ŕ

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Robert Anderson (Reg. No. 33,826) on 9/8/05.

In the claims:

a. Replace Claim 1 as follows;

A host comprising:

a processor;

a memory coupled to the processor;

an operating system provided with an I/O bus abstraction to report multiple path via a cluster fabric to a target fabric-attached I/O controller that may be shared between the host and another host via the cluster fabric, the operating system to direct service requests between the host and the target fabric-attached I/O controller in response to the multiple paths; wherein the operating system further comprises:

a kernel;

a fabric bus driver to provide said I/O bus abstraction to the kernel for the cluster fabric to report the multiple paths to the target fabric-attached I/O controller;

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and said fabric bus driver presents the cluster fabric to the kernel as a local I/O bus, and presents one or more target fabric-attached I/O controllers to the kernel as local I/O controller.

b. Cancel claims 2 and 3;

c. Rewrite claim 21 as follows:

A computer usable medium having computer readable program code embodied therein for use in a host system to report multiple paths via a cluster fabric to a target fabric-attached I/O controller, said computer program code when executed, cause a computer to:

create and report multiple paths from the host via the cluster fabric to the target fabric-attached I/O controller that may be shared between the host and another host via the cluster fabric;

enable reporting the multiple paths to the target fabric-attached I/O controller;

direct service requests between the host and the target fabric-attached I/O controller in response to the multiple paths;

present the cluster fabric to a kernel as local I/O bus; and present one or more target fabric-attached I/O controllers to the kernel as local I/O controllers.

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d. Rewrite claim 25 as follows:

A method of initializing a host to report multiple paths via a cluster fabric to a target fabric-attached I/O device comprising:

loading an operating system (OS) into a memory;

identifying all fabric-attached I/O devices assigned to the host, wherein the fabric-attached I/O devices may be shared between the host and another host via the cluster fabric;

reporting the identified fabric-attached I/O devices;

creating and reporting multiple paths via the cluster fabric to the target fabric-attached I/O device that may be shared between the host and another host via the cluster fabric;

directing service requests between the host and the target fabric-attached I/O device in response to the multiple paths; and

the identified fabric-attached I/O devices are reported, via a fabric bus driver included in the operating system (OS) to provide a local I/O bus abstraction for the cluster fabric into the memory, using a common set of procedures or commands.

- e. Cancel claim 26.
- f. Claim 27:
 - line 1, replace "claim 26" with claim 25 --;

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g. Claim 28:

- line 1, replace "claim 26" with - claim 25 --;

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is (571) 272-3757. The examiner can normally be reached on M-F (8:30-6:00) First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, An Meng-Ai can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Charles E Anya Examiner Art Unit 2194

cea.

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SUNTRUBORY PATENT EXAMINER